

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3, and 18. Please cancel claims 2, 22, and 44.

1. (Currently Amended) A method for automatically provisioning data in a distributed database system, the method comprising computer-implemented steps of:
 - a database server ~~causing a tablespace to be transported from~~running under control of a first file system to a second file systemoperating system that manages resources of a first computing element, wherein said database server comprises database server code separate from said first operating system;
 - a database server transporting a tablespace from a first file system to a second file system, wherein said first file system is managed by said first operating system, wherein transporting a tablespace from a first file system to a second file system is performed pursuant execution of one or more routines of said database server code; and
 - after transporting said tablespace to said second file system, said database server importing said tablespace into a local database managed by said database server.
2. (Cancelled)
3. (Currently Amended) The method of claim 1,
 - wherein a database server transporting a tablespace and the step of said database server importing said tablespace are both performed in response to invocation of a routine of said database server code; and

wherein said routine is written in code that conforms to a database language and
that may be executed by a database server.

4. (Original) The method of claim 1, wherein the step of importing includes attaching said tablespace to said local database.
5. (Original) The method of claim 1, wherein the tablespace is attached to another database before and during performance of the step of said database server causing a tablespace to be transported.
6. (Original) The method of claim 1, wherein the tablespace is offline before and during performance of the step of said database server causing a tablespace to be transported.
7. (Original) The method of claim 1, wherein:

the step of importing the tablespace includes attaching a copy of the tablespace,
wherein the copy is different than said tablespace; and
said database server provisions a synchronization mechanism that applies changes made to the tablespace to the copy.
8. (Original) The method of claim 7, wherein the synchronization mechanism applies changes made to the copy to the tablespace.
9. (Original) The method of claim 7, wherein the steps further include:

the synchronization mechanism determining which changes to the tablespace to propagate to the copy based on the results of an evaluation of a set of rules by a rules engine; and
wherein the step of provisioning the synchronization mechanism includes configuring said set of rules.

10. (Withdrawn) A method for a database server to provide copies of files, the method comprising the steps of:
- a first database server receiving a request to create a copy of a file stored in a first file system of a first operating system;
- said first database server causing the creation of said copy in a particular file system of a particular operating system; and
- wherein said copy is a different file than said particular file.
11. (Withdrawn) The method of claim 10, wherein:
- the step of a first database server receiving a request includes the first database server receiving a request to transport a copy of the file to said particular file system;
- wherein the first database server causing the creation of said copy includes causing the transmission of the copy of said file between said first database server and said second database server; and
- storing said copy in said particular file system.
12. (Withdrawn) The method of claim 11, wherein:
- said first file system is local relative to said first database server and remote relative to said second database server;
- said particular file system is local relative to said second database server and remote relative to said first database server; and
- wherein the step of storing is performed by said second database server.
13. (Withdrawn) The method of claim 12, wherein the step of causing the transmission includes causing the transmission of the copy as a binary file via a

messaging system that propagates messages between said first database server and said second database server.

14. (Withdrawn) The method of claim 11, wherein:
said first file system is local relative to said second database server and remote relative to said first database server;
said particular file system is local relative to said first database server and remote relative to said second database server; and
wherein the step of storing is performed by said first database server.
15. (Withdrawn) The method of claim 10, wherein said first file system is local relative to said first database server and said particular file system is local relative to said first database server.
16. (Withdrawn) The method of claim 10, wherein receiving a request includes the invocation of a routine that passes as a parameter a value identifying the file.
17. (Withdrawn) The method of claim 10, wherein:
receiving a request includes receiving a command through an interface;
said database server executes commands received through said interface that conform to a database language; and
said command identifies the file.
18. (Currently Amended) A method for automatically instantiating database data in a distributed database system, the method comprising computer-implemented steps of:

a database server ~~causing a set of one or more files to be transported from a first file system to a second file system~~ running under control of a first operating system that manages resources of a first computing element, wherein said database server comprises database server code separate from said first operating system;

said database server transporting a set of one or more files from a first file system to a second file system, wherein said first file system is managed by said first operating system, wherein transporting said set of one or more files from a first file system to a second file system is performed pursuant execution of one or more routines of said database server code;

wherein said set of one or more files store said database data; and

after transporting said set of one or more files to said second file system, said database server provisioning said database data as at least part of a database managed by said database server.

19. (Previously Presented) The method of claim 18, wherein the set of files is a tablespace, wherein the step of provisioning includes:

attaching said tablespace to said database managed by said database server.
20. (Previously Presented) The method of claim 18, wherein said set of one or more files includes metadata describing database objects and commands for inserting data into the database objects, wherein the step of provisioning includes importing said database data into said database by executing said commands.
21. (Previously Presented) The method of claim 18, wherein said set of one or more files includes backup files created by a recovery manager, wherein the step of provisioning includes causing said recovery manager to create said database managed by said database server from said backup files.

- 22. (Cancelled)
- 23. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 1.
- 24. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 2.
- 25. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 3.
- 26. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 4.
- 27. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 5.
- 28. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 6.
- 29. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 7.

30. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 8.
31. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 9.
32. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 10.
33. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 11.
34. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 12.
35. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 13.
36. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 14.

- 37. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 15.
- 38. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 16.
- 39. (Withdrawn) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 17.
- 40. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 18.
- 41. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 19.
- 42. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 20.
- 43. (Previously Presented) A computer-readable storage medium carrying one or more sequences of instructions which, when executed by one or more processors, causes the one or more processors to perform the method recited in Claim 21.
- 44. (Cancelled)